COMMUNICATIONS: IF Sub-Systems

| | | | | EIVERS | < MIXER | >>>>> | >>>>> | <<<<< | << IF >>> | >>>>>> | >>>> | <<<<< | << I/O > | >>>>> | | Temp | | # | Price | Fax |
|----------|-------|---|--------------|---------------|------------|-------------|--|------------|---|----------------|---|-----------------|---|----------|--------------|---------------|-----|---------|---------|------|
| | | | RF/LO | | | 1dB | | ******* | 1dB | | BW | Phase | nq > | Quad | PLL | Range | | Pins | 100 | Code |
| | Vss | Iee | Range | Gain | I3P | Comp | NF | I3P | Comp | Gain | -3dB | Noise | BW | Err | Range | -40+85 | | Tills | 100 | Code |
| | +V | mA | MHz | dB | dBm | dBm | dB | dBm | dBm | dB | MHz | dBc/Hz | MHz | 0 | MHz | -40+03 | , | | | |
| | + v | ША | MILLE | ш | шын | шын | ш | UDIII | UDIN | шь | NIIIZ | ubc/112 | WHILE | | MILLE | | | | | |
| Mixer | 5 | 125 | 400 | NS | +20 | +10 | 12 | | | 0 | 200 | | | | | | | - | \$8.10 | 1413 |
| AD831 | | | | | | | | | | | | | | | | | | + | | |
| Linear 1 | IF St | rin | | | | | | | | | | | | | | | | + | | |
| AD607 | | 8.5 | 500 | 26.5 | -5 | -15 | 14 | +18 | -15 | 75 | 45 | -100 | 1.5 | 1.2 | .4>12 | I A | | 20 | \$7.95 | 1824 |
| | | | | RKET PRO | | -13 | 17 | 710 | -13 | 13 | 7.7 | 100 | 1.0 | 1.2 | .7/12 | - A | 1 | 20 | \$1.75 | 1027 |
| AD6458 | 3 | AU | 400 | -8.5>+9.5 | -2 | -11 | 9 | NS | -11 | 52 | 50 | ns | 2 | 3.7 | 5>50 | | A | 20 | \$32.00 | 2174 |
| AD6459 | 2.7 | 8 | 500 | -3>+16 | 0 | -11 | 10 | ns | -11 | 52 | 50 | ns | 2 | 3.5 | 5>50 | | A | | \$7.95 | 2079 |
| 110437 | 2.1 | 0 | | <<< MIX | - | | 10 | | | ·>>>>>> | | | | | 3230 | | - 1 | 20 | \$1.75 | 2019 |
| | | | RF | LO | ER //// | 1dB | | Limit | Phase | Rise/ | Nomial | Slope | Log | Responce | | Temp | | # | Price | Fax |
| | Vss | Iee | Range | Range | I3P | Comp | NF | Threshold | | Fall Time | Slope | Int'cept | Err | Time | | Range | | Pins | 100 | Code |
| | | mA | MHz | MHz | dBm | dBm | dB | dBm | ٥ | nsec | mV/dB | dBm | dB | nsec | | -40+85 | | Tins | 100 | Cour |
| Limitin | | | | ange=110 | | шып | up | uDin | | iisa | III V/GD | шын | ш | HSC | | -4010. | | | | |
| AD608 | Ψ | | | 500 | -15 | 16 | NS | -75 | ±3 | 11 | 20 | -85 | ±1 | 200 | | - A | | 16 | \$6.25 | 1825 |
| ADous | 2,1 | 1.3 | 300 | 300 | -13 | 10 | 110 | -/3 | ΞĴ | 11 | 20 | -03 | I 1 | 200 | | · · · · · · | 1 | 10 | \$0.25 | 1023 |
| IE CITO | CVCT | PATC. | TDAN | CEIVER | C | | | | | | | | | | | | | | | |
| IF SUD | 3131 | r ivio: | | | | | | | | | | | 1/0 | | | | | | | |
| | | | <<<<< | <<< MIX | EK >>>> | | cen | <<<<<< | << 1F >>> 1dB | >>>>>> | >>>> | <<<<<< | << 1/Q > | | DI I | Temp | | | D : | |
| | ** | | | | 120 | | SSB | TAD | | NIE | DVV | Phase | D317 | Quad | PLL | | | # | Price | Fax |
| | Vss | _ | Range MHz | Range MHz | I3P dBm | Comp dBm | NF dB | I3P dBm | Comp dBm | NF dB | BW MHz | Noise dBc/Hz | BW MHz | Err | Range MHz | Range | | Pins | 100 | Code |
| ъ . | | mA | MITIZ | MITIZ | аып | аып | аь | аын | аып | аь | MITZ | dbc/fiz | MITIZ | | MITZ | -40+85 | , | | | |
| Receive | | | | | | | | | | | | | | | | | | | | |
| AD6432 | 2.7 | 8 | 350 | 50 | ns | -15 | 14 | NS | NS | 90 | 3>10 | NS | 50 | 1.5 | 50 | A | | 44 | \$23.00 | 2113 |
| | | | | < MIXER | >>>>> | 4 | < <i de<="" q="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></i> | | | | | | | | | | | | | |
| | | | RF | LO | | 1dB | | Output | | | | | | | | | | | | |
| | | Iee | Range | Range | I3P | Comp | BW | BW | | | | | | | | Temp | _ | # | Price | Fax |
| | +V | mA | MHz | MHz | dBm | dBm | MHz | MHz | | | | | | | | Range | | Pins | 100 | Code |
| Transm | | | | | | | | | | | | | | | | -40+85 | 5 | | | |
| AD6432 | 2.7 | 8 | 350 | 350 | ns | -10 | 1 | 350 | | | | | | | | | | 44 | \$25.00 | 2113 |
| | | | | | | | | | | | | | | | | | | | | |
| CDMA | REC | EIVI | ER IF S | UBSYST | EM | | | | | | | | | | | | | | | |
| | | <<<<<<< < < < < < < < < < < IF AMP >>>>>>>> | | | | | | | < <gain c<="" td=""><td>ONTROL ></td><td><demod< td=""><td>ULATOR ></td><td><<i o="" ou<="" td=""><td>JTPUT> ></td><td></td><td></td><td></td><td> </td><td></td><td></td></i></td></demod<></td></gain> | ONTROL > | <demod< td=""><td>ULATOR ></td><td><<i o="" ou<="" td=""><td>JTPUT> ></td><td></td><td></td><td></td><td> </td><td></td><td></td></i></td></demod<> | ULATOR > | < <i o="" ou<="" td=""><td>JTPUT> ></td><td></td><td></td><td></td><td> </td><td></td><td></td></i> | JTPUT> > | | | | | | |
| | | | | | | | | | | | or | | | | | | | | | |
| | | | | Output | Output | Input | Input | SSB | Min | Max | ··MODII | LATOR | | | | | | + | | |
| | *7 | - | D | | I3P | I3P | I3P | NF | | | | LATOR >> | DXII | 0 1 | | ar. | | | D : | |
| Model | Vss | Iee | Range | I3P | | | | G=+45dB | Gain Vg=.5V | Gain Vg=.5V | LO Freq | 131 | BW | Quad | | Temp Range | | # Di | Price | Fax |
| | +V | mA | MITZ | dBm | dBm | dBm | dBm | dBm | dB | dB | MHz | dBm | -3dB MHz | Accuracy | o | | | Pins | 100 | Code |
| AD6121 | 2.7 | 13 | 85.38 | иы п 5 | -40 | -40 | -2 | 5 | -41 | +48 | 170.76 | -22 | 20 | 2.5 | | -40+85 | , | 28 | | |
| | | | | | | -40 | -2 | 3 | -41 | +40 | 170.76 | -22 | 20 | 2.3 | | A | | 20 | | |
| CDMA | IKA | NSIV | HITE | R IF SUB | SYSTM | | | | | | | | | | | | | | | |
| | | | | | | | | G=+35dB | | | | | | | | | | | | |
| | | | 120.20 | | | -26 | | 10 | -51 | +35 | 260.76 | -30 | 20 | 1 | | A | | 28 | | |
| AD6122 | 2.7 | 14 | 130.38 | | | -20 | | 10 | -31 | TJJ | 200.70 | -30 | 20 | 1 | | Λ | | 20 | | |

COMMUNICATIONS: IF Sub-Systems

| | | | <<<<< IF BANDPASS FILTER >>>> | | | | | | | | <<<<<< | <<<<< I | F VCO >>> | >>>>> | Tem | p | | | |
|---------|-------|-----|-------------------------------|-----------|-----------|-----------|-----------|---------|--------|-------|--------|---------|-----------|---------|------|-----|------|---------|------|
| | | | Ctr | StopBand | Rejection | Rejection | Rejection | Rev | RSSI | RSSI | Freq | Phase | 2nD | 3rD | Ran | ge | # | Price | Fax |
| | Vss | Iee | Fre | Rejection | ±3 Mhz | ±4.7 Mhz | ±6Mhz | Sen'ity | | Slope | | Noise | Haromic | Haromic | -40- | -85 | Pins | 100 | Code |
| | +V | mA | MHz | dBc | dBc | dBc | dBc | dBm | dBm | mV/db | MHz | dBc/Hz | dB | dB | | | | | |
| Receive | r Sid | e | | | | | | | | | | | | | | | | | |
| AD6402 | 2.85 | 30 | 13.824 | 30 | 7 | 13 | 16 | -80 | -85>-5 | 20 | 131 | -139 | -22 | -24 | | A | 28 | \$23.00 | 2256 |

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